

PATENT
Serial No. 10/535,056
Amendment in Reply to Office Action of January 17, 2007

IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph on page 2, between lines 4-8 of the specification with the following:

In an embodiment, providing said coupling means, the amplifiers may be coupled electrically to the transmission lines. It is preferred that said coupling means are electrical connections or directional coupling circuits according to claims 4 or 5. The directional coupling circuits may add directivity and isolation to the travelling-wave amplifier.

Replace the paragraph on page 2, between lines 9-11 of the specification with the following:

A In another embodiment, a coupling according to claim 3 allows for easy coupling between the amplifiers and the transmission lines. As a spatial offset is allowed, design restrictions may be overcome.

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Replace the paragraph on page 2, between lines 12-16 of the specification with the following:

A In yet another embodiment, the travelling-wave amplifier according to claim 6 is further preferred. The travelling-wave at the two transmission lines may have a phase difference of 180°. When coupling the output signal of an amplifier to the travelling-wave on an a transmission line, the phase of the signals should be matched such that the amplified signal adds to the travelling-wave.

Replace the paragraph on page 2, between lines 17-18 of the specification with the following:

A further embodiment of the travelling-wave amplifier according to claim 10 allows for de-coupling the amplifier with further circuits.